



CERTIFICATE OF MAILING

I, Sharon L. Tabor, certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on Sept. 10, 2004.

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JRW

Sharon L. Tabor

Attorney Docket No. 740819-610

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of: )  
Michikazu MATSUMOTO et al. ) Group Art Unit: 2826  
Application No. 09/922,804 ) Examiner: Fazli Erdem  
Filed: August 7, 2001 ) Confirmation No. 8887  
For: ELECTRODE STRUCTURE AND )  
METHOD FOR FABRICATING THE )  
SAME )

**AMENDMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
09/27/2004 TDAW/KNS 00000005 192300 09922804  
Sale Ref: 00000005 DMM: 152300 42922804 1450  
01 FC:1201 172.00 DA  
Sir:

In response to the Office Action mailed June 10, 2004, please consider the amendments and remarks in connection with the above-identified application as follows.

and a metal film with a high melting point having an equal pattern size. Dependent claims 12 and 14 are directed to the method wherein the ratio of nitrogen (ratio of N/Ti) included in the barrier metal layer is approximately 0.7. In Hsu et al., since the ratio of the Ti rich TiN layer 24a is  $1.1 \leq \text{Ti}/\text{N} \leq 1.2$ , or in other words  $0.83 \leq \text{N}/\text{Ti} \leq 0.91$ , Hsu et al. fails to disclose the present invention of dependent claims 12 and 14. Thus it is respectfully requested that newly added claims 11-14 are allowable over the prior art of record for these reasons and at least in that they depend from newly amended independent claims 6 and 10.

In view of the foregoing, it is submitted that the present application is in condition for allowance and a notice to that effect is respectfully requested. However, if the Examiner deems that any issue remains after considering this response, he is invited to call the undersigned to expedite the prosecution and work out any such issue by telephone.

Respectfully submitted,



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